

100-1

MSF

**Bachelor Program of Management Science and Finance**

## Courses Requirements

1. Students must earn at least 128 credits, complete the following 3 programs and 43 credit units from the general education including the physical education to partially fulfill the requirement for a bachelor's degree in Management Science and Finance.

The three programs are:

**【Foundation program】 (21 credits)**

**【Core Program】 (12 credits)**

**【Elective Program】 (45 credits )**

2. Regulations:

(1) No more than 9 credits of Foundation Program can be used to substitute general education.

Social Science: “Principles of Economics-Micro Part” 、” Accounting Principle(I)”

Mathematics and the Sciences : Calculus(I)

(2) Students must maintain a GPA (3.7) average for the core to be eligible for taking courses more than 25 credits. All students must take no less than 6 credits each semester.

### 【Foundation program】 (21 credits)

Course Title	Course Number	Credits	Grade	Semester	Type	*Requirement Course
Calculus(I)	CM__B0020	3.0	1	1st	Required	
Calculus(II)	CM__@0040	3.0	1	2nd	Required	
Principles of Economics-Micro Part	CM__B0030	3.0	1	1st	Required	
Principle of Economics-Macro Part	CM__@0060	3.0	1	2nd	Required	
Accounting Principle(I)	CM__B0010	3.0	1	1st	Required	
Accounting Principle(II)	CM__@0080	3.0	1	2nd	Required	/* Accounting Principle(II)
Introduction to Management	CM__@0090	3.0	1	2nd	Required	

### 【Core Program】 (12 credits)

Course Title	Course Number	Credits	Grade	Semester	Type	*Requirement Course
Statistics(I)	CM__@0100	3.0	2	1st	Required	
Statistics(II)	CM__@0110	3.0	2	2nd	Required	/* Statistics(I)
Financial Management	CM__@0130	3.0	2	1st	Required	

Management Information Systems	CM__@0120	3.0	2	2nd	Required	/* Introduction to Management
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**【Elective Program】 (45 credits )**

Course Title	Course Number	Credits	Grade	Semester	Type	*Requirement Course
Human Resource Management	CM__0140	3.0	3	1st	Selective	
Marketing Management	CM__@0150	3.0	2	1st	Selective	
Business Strategy and Analysis	CM__@0160	3.0	4	1st	Selective	
Consumer Behavior	CM__@0170	3.0	2	2nd	Selective	/*Marketing Management
Organizational Behavior	CM__@0180	3.0	2	1st	Selective	/* Introduction to Management
Supply Chain Management	CM__@0190	3.0	3	2nd	Selective	
Quality Management	CM__@0200	3.0	3	1st	Selective	/* Statistics(I)
Management Statistics	CM__@0210	3.0	3	1st	Selective	/* Statistics(II)
International Business Management	CM__@0220	3.0	2	2nd	Selective	
Business Communication	CM__@0230	3.0	2	1st	Selective	
Knowledge Management	CM__@0240	3.0	4	2nd	Selective	
Electronic Commerce	CM__@0250	3.0	4	1st	Selective	
E-Business	CM__@0260	3.0	4	2nd	Selective	
Customer Relationship Management	CM__@0270	3.0	4	1st	Selective	
Intermediate Financial Management	CM__@0280	3.0	2	2nd	Selective	/* Financial Management
International Financial Management	CM__@0290	3.0	3	1st	Selective	
International Financial Markets	CM__@0300	3.0	3	2nd	Selective	/* Principle of Economics-Macro Part
Practicum in Portfolio Management	CM__@0310	3.0	3	1st	Selective	
Financial English	CM__@0320	3.0	3	2nd	Selective	
Econometrics for Finance	CM__@0330	3.0	3	2nd	Selective	
Investment	CM__@0340	3.0	2	2nd	Selective	
Derivatives Securities	CM__@0350	3.0	3	1st	Selective	
Financial Software and Applications	CM__@0360	3.0	2	2nd	Selective	
Intermediate Accounting(I)	CM__@0370	3.0	2	1st	Selective	/* Accounting Principle(II)
Intermediate Accounting(II)	CM__@0380	3.0	2	2nd	Selective	/* Accounting Principle(II)
Foundation of Tourism	CM__@0390	3.0	3	2nd	Selective	

Travel Market Analysis	CM__@0400	3.0	3	2nd	Selective	
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### General Education Program

- Undergraduate students must complete 39 General Education credits and 4 Physical Education credits by graduation, include 6 Core Courses credits.
- Total credits for each category in General Education Program :
  - ✓ **Languages : 12 ( credits )**
  - ✓ **Arts and Humanities : 9 ( credits )**
  - ✓ **Social Sciences : 9 ( credits )**
  - ✓ **Mathematics and the Sciences : 9 ( credits )**
- For international students, except for the 6 credits of Core Courses, the credits of English-taught courses offered by respective enrolled college can be transferred to General Education credits and are not subject to 9 credits maximum.
  - Social Science: "Principles of Economics-Micro Part"(3 credits) 、  
"Accounting Principle(I) " (3 credits)
  - Mathematics and the Sciences : "Calculus(I)" (3 credits)
- All courses will be offered and rotated in a period of two years (four semesters).
- Students must complete Physical Education 1 and Physical Education 2 in their first study year and Physical Education 3 and Physical Education 4 in their second study year.
- Students must complete Service Learning 1 and Service Learning 2 by graduation.
- Students can attribute their credits of cross-categorical courses to one specific category via Student Graduation Management System in their final semester of study.
- The credits of General Education courses related to students' major are not applicable to the General Education Requirements
- The credits of cross-campus distance courses are applicable to General Education Requirements. For the list of and category information about such courses, please refer to the announcement from the General Education Center.
- Students must decide for themselves the most applicable course policy of the General Education Requirements in the first semester of their final study year. The selected policy of General Education Requirements does not have to be same with the course policy of students' major.

## General Education Curriculum List

Course Title	Courses Title	Course Number	Credits/ Category	P.S.	
☐ 語文教育領域 Languages (Required / 12 credits)					
☐ 本國語文學群 (Required/ 3 credits)					
中文能力與教養	Chinese language ability and education	GC__@1010	3.0	[語文]	
華語(一)	Chinese ( I )	GC__B0010	3.0	[語文]	
華語(二)	Chinese ( II )	GC__@1030	3.0	[語文]	
華語(三)	Chinese ( III )	GC__@1040	3.0	[語文]	
華語(四)	Chinese ( IV )	GC__@1050	3.0	[語文]	
☐ 英語必修學群 (Required / 6 credits)					
英文閱讀與寫作三級	English Reading and Writing (Level 3)	GC__@1320	2.0	[語文]	三級
英語溝通三級	English communications -Level 3	GC__@1350	2.0	[語文]	三級
英語線上學習三級	Online English Learning (Level 3)	GC__@1380	2.0	[語文]	三級
☐ 語文選修學群 (Elective / 3 credits)					
英語文學名著選讀	Selected Readings in English Masterpieces	GC__@1060	3.0	[語文]	
英文散文選讀	Selected Readings in English Prose	GC__@1390	2.0	[語文]/ [人文]	
英文兒童文學選讀	Children”s Literature	GC__@1400	2.0	[語文]/ [人文]	
英文與流行文化	English learning and popular culture	GC__@1410	2.0	[語文]/ [人文]	
西洋神話故事選讀	Reading in Western Mythological Story	GC__@1420	2.0	[語文]/ [人文]	
科技英文	English for science and technology	GC__@1440	2.0	[語文]/ [數科]	

Course Title	Courses Title	Course Number	Credits/ Category		P.S.
☐ 人文與藝術領域 Arts and Humanities (Elective / 9 credits)					
☐ 人文與藝術學群 (Elective / 9 credits)					
書法藝術與創作	The Art of Chinese Calligraphy and Creation	GC__@1070	2.0	[人文]	
鋼琴彈奏入門與欣賞	Piano Playing and Music Appreciation	GC__@1080	2.0	[人文]	
素描（一）	Drawing( I )	GC__@1090	2.0	[人文]	
攝影創作	Photography Creation	GC__@1100	2.0	[人文]	
英語電影語言與文化	Language and Culture in English Movies	GC__@1110	2.0	[人文]/ [語文]	
藝術導覽	Guidance to Arts Appreciation	GC__@1260	2.0	[人文]	Core
多元文化	Multiculturalism	GC__@1270	2.0	[人文]	Core

Course Title	Courses Title	Course Number	Credits/ Category		P.S.
☐ 社會科學領域 Social Sciences (Elective / 9 credits)					
☐ 社會科學學群(Elective / 9 credits)					
介紹台灣	Introduction of Taiwan	GC__@1120	2.0	[社科]	
臺灣觀光概論	An Introduction to Taiwan Tourism	GC__@1130	2.0	[社科]	
生態旅遊與環境解說	Ecotourism and Environmental Interpretation	GC__@1140	2.0	[社科]	
正向心理學：幸福科學導論	Positive Psychology: The Study of Happiness	GC__@1150	2.0	[社科]	
英語導覽解說	English for Guide Tour and Interpretation	GC__@1160	2.0	[社科] [語文]	
經濟學概論	Introduction to Economic Theory	GC__@1280	2.0	[社科]	Core
全球職業發展課程	Global Career Development Course	GC__@1430	2.0	[社科]	
☐ 服務學習學群 Service Learning (Required / 0 credits)					
服務學習(一)	Service Learning ( I )	GC__@1450	0.0	[社科]	

Course Title	Courses Title	Course Number	Credits/ Category		P.S.
服務學習(二)	Service Learning ( II )	GC__@1460	0.0	[社科]	

Course Title	Courses Title	Course Number	Credits/ Category		P.S.
☐ 數理及科技領域 Mathematics and the Sciences (Elective / 9 credits)					
☐ 數理及科技學群 (Elective / 9 credits)					
奈米科技	Nanotechnology	GC__@1170	2.0	[數科]	
近代通訊科技	Modern Communication Technology	GC__@1180	2.0	[數科]	
校園綠色廚房	Campus Green Kitchen	GC__@1190	2.0	[數科]	
生態學概論	Introduction to Ecology	GC__B0020	2.0	[數科]	
材料世界	Materials World	GC__@1210	2.0	[數科]	
全球環境變遷與永續發展	Global Change and Sustainable Development	GC__@1290	2.0	[數科]	Core

Course Title	Courses Title	Course Number	Credits/ Category	P.S.
☐ 體育 Physical Education (Required / 4 credits)				
☐ 體育學群 (Required / 4 credits)				
體育（一）	Physical Education〔 I 〕	YY__B0010	1.0	
體育（二）	Physical Education( II )	GC__@1230	1.0	
體育（三）	Physical Education (III)	GC__@1240	1.0	
體育（四）	Physical Education(IV )	GC__@1250	1.0	